

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claims 1-50 (canceled)

51. (new): A Node B comprising:
circuitry configured to receive a first Iub signal from a radio network controller (RNC) indicating a total maximum transmit power; wherein the circuitry is further configured to receive a second Iub signal from the RNC indicating a maximum transmit power for at least high speed downlink shared channel (HS-DSCH) and high speed shared control channel (HS-SCCHs) codes of the Node B; wherein the circuitry is further configured to transmit HS-DSCH and HS-SCCH codes; wherein a combined transmission power level of the HS-DSCH and HS-SCCH codes does not exceed the indicated maximum transmit power for at least the HS-DSCH and HS-SCCH codes, and a combined transmission power level of all channel codes transmitted by the Node B does not exceed the total maximum transmit power.

52. (new): The Node B of claim 51 wherein the circuitry is further configured to schedule HS-PDSCH transmissions to wireless transmit/receive units (WTRUs).

53. (new): The Node B of claim 51 wherein the circuitry is further configured to transmit an Iub signal to the RNC indicating a transmit power associated with wireless transmit/receive units (WTRUs) of the Node B.

54. (new): The Node B of claim 51 wherein the circuitry is further configured to receive an Iub signal from the RNC indicating a number of codes for HS-DSCH transmission.

55. (new): The Node B of claim 51 wherein the second Iub signal is associated with a channel configuration.

56. (new): A radio network controller (RNC) comprising:
circuitry configured to transmit a first Iub signal to a Node B indicating a total maximum transmit power; wherein the circuitry is further configured to transmit a second Iub signal to the Node B indicating a maximum transmit power for at least high speed downlink shared channel (HS-DSCH) and high speed shared control channel (HS-SCCH) codes of the Node B; wherein a combined transmission power level of the HS-DSCH and HS-SCCH is not permitted to exceed the indicated maximum transmit power for at least the HS-DSCH and HS-SCCH codes for the Node B, and a combined transmission power level of all channel codes transmitted by the Node B are not permitted to exceed the total maximum transmit power.

57. (new): The RNC of claim 56 wherein the circuitry is further configured to receive an Iub signal from the Node B indicating a transmit power associated with wireless transmit/receive units (WTRUs) of the Node B.

58. (new): The RNC of claim 56 wherein the circuitry is further configured to transmit an Iub signal to the Node B indicating a number of codes for HS-DSCH transmission.

59. (new): The RNC of claim 56 wherein the second Iub signal is associated with a channel configuration.

60. (new): A method, performed by a Node B, of providing high speed downlink packet access (HSDPA) services, the method comprising:

receiving a first Iub signal from a radio network controller (RNC) indicating a total maximum transmit power;

receiving a second Iub signal from the RNC indicating a maximum transmit power for at least high speed downlink shared channel (HS-DSCH) and high speed shared control channel (HS-SCCH) codes of the Node B; and

transmitting HS-DSCH and HS-SCCH codes; wherein a combined transmission power level of the HS-DSCH and HS-SCCH codes does not exceed the indicated maximum transmit power for at least the HS-DSCH and HS-SCCH codes, and a combined transmission power level of all channel codes transmitted by the Node B does not exceed the total maximum transmit power.

61. (new): The method of claim 60 further comprising:
scheduling HS-PDSCH transmissions to wireless transmit/receive units (WTRUs).

62. (new): The method of claim 60 further comprising:
transmitting an Iub signal to the RNC indicating a transmit power associated with wireless transmit/receive units (WTRUs) of the Node B.

63. (new): The method of claim 60 further comprising:

Applicant: Rudolf et al.
Application No.: 10/806,502

receiving an Iub signal from the RNC indicating a number of codes for HS-DSCH transmission.

64. (new): The method of claim 60 wherein the second Iub signal is associated with a channel configuration.

65. (new): A method, performed by a radio network controller (RNC), of supporting high speed downlink packet access (HSDPA) services, the method comprising:

transmitting a first Iub signal to a Node B indicating a total maximum transmit power;

transmitting a second Iub signal to the Node B indicating a maximum transmit power for at least high speed downlink shared channel (HS-DSCH) and high speed shared control channel (HS-SCCH) codes of the Node B; and

wherein a combined transmission power level of the HS-DSCH and HS-SCCH codes of the Node B is not permitted to exceed the indicated maximum transmit power for at least the HS-DSCH and HS-SCCH codes, and a combined transmission power level of all channel code channels transmitted by the Node B is not permitted to exceed the total maximum transmit power.

66. (new): The method of claim 65 further comprising:

receiving an Iub signal by the RNC from the Node B indicating a transmit power associated with wireless transmit/receive units (WTRUs) of the Node B.

67. (new): The method of claim 65 further comprising:

transmitting an Iub signal to the Node-B indicating a number of codes for

Applicant: Rudolf et al.
Application No.: 10/806,502

HS-DSCH transmission.

68. (new): The method of claim 65 wherein the second Iub signal is associated with a channel configuration.